

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Teresa Lechner-Fish § GROUP ART UNIT: 2855  
Serial No.: 10/062,200 § EXAMINER: M. T. Cygan  
Filed: October 29, 2001 § Confirmation No.: 9865  
For: Carrier Gas Pre-Heat System for §  
Gas Chromatograph §

Entom  
MTC  
10/07/03

# 713melt B  
10/10/03  
10/6/03

AMENDMENT AND RESPONSE TO OFFICE ACTION DATED APRIL 2, 2003

Atty. Dkt. No.: 1787-10100

Customer No.: 23505

Date: October 1, 2003

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OCT 02 2003

Commissioner For Patents  
P. O. Box 1450  
Alexandria, VA. 22313-1450

Sir:

OFFICIAL

In response to the Office Action dated April 2, 2003, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.

**FAX TRANSMITTAL COVER SHEET**

**TO:** U. S. Patent and Trademark Office  
Attn: Examiner Cygan  
Art Unit: 2855

**FAX NO.:** (703) 308-7722

**DATE:** October 2, 2003

**FROM:**

Conley Rose, P.C.  
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**CLIENT NO.:** 1787-10100

**TOTAL NUMBER OF PAGES (INCLUDING THIS ONE)** 10

**COMMENTS:** Re: U.S. Patent Serial No. 10/062,200  
Applicant: Teresa Lechner-Fish

The following documents are attached for filing:

Amendment and Response to Office Action Dated April 2, 2003; Petition for Extension of Time Under 37 C.F.R. 1.136(a); Transmittal Form and Fee Transmittal (including \$950.00 extension fee)

**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being sent by facsimile transmission on the date shown below to (703) 308-7722 (fax number), the U.S. Patent and Trademark Office, in accordance with 37 CFR § 1.6(d).

**Date:** October 2, 2003

Nanci D. Mohr

(Type or print name of person mailing paper)

Nanci D. Mohr  
(Signature of person mailing paper)

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Please type a plus sign (+) inside this box → +

PTO/SI/021 (08-00)

Approved for use through 10/31/2002. OMB 0651-0012

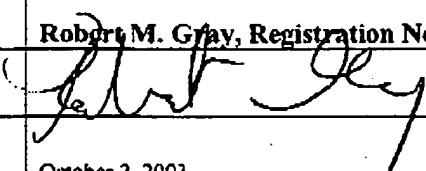
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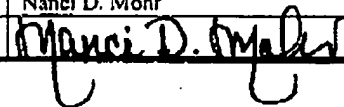
<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/062.200
	Filing Date	October 29, 2001
	First Named Inventor	Teresa Lechner-Fish
	Group Art Unit	2856
	Examiner Name	M. T. Cygan
Total Number of Pages in This Submission		9
Attorney Docket Number		1787-10100

ENCLOSURES <i>(check all that apply)</i>		
<input checked="" type="checkbox"/> <b>Fee Transmittal Form</b> <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> <b>Amendment/Reply</b> <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> <b>Extension of Time Request</b> <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment <i>(for an application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> <b>Other Enclosure(s) (please              identify below):</b>
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">Remarks</div> <div style="width: 70%;"></div> </div>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Or Individual Name	Robert M. Gray, Registration No. 41,798
Signature	
Date	October 2, 2003

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date:			
Typed or Printed Name	Nanci D. Mohr		
Signature		Date	October 2, 2003

110877.01/1787.10100

PTO/SB/017 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL  
For FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** \$ 950.00**METHOD OF PAYMENT (Check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:  
Deposit Account Number: 03-2769  
Deposit Account Name: Conley Rose, P.C.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account  
☒ Credit any overpayments**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	\$
1002 340	2002 170	Design filing fee	\$
1003 530	2003 265	Plant filing fee	\$
1004 770	2004 385	Reissue filing fee	\$
1005 160	2005 80	Provisional filing fee	\$

**SUBTOTAL (1) \$****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Independent Claims	Multiple Dependent Claims	Extra Claims	Fee from below	Fee Paid
19	2	0	0	18.00	\$ 0
			0	86.00	\$ 0
				200.00	\$ 00.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent Claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$0.00**

\*\* or number previously paid, if greater: For Reissues, see above

SUBMITTED BY

Name (Print/Type)

Robert M. Gray

Registration No.  
(Attorney/Agent)

41,798

Telephone

(713) 238-8000

Signature

Date

October 2, 2003

**Complete if Known**

Application Number	10/062,200
Filing Date	10/29/01
First Named Inventor	Teresa Lechner-Fish
Examiner Name	M.T. Cygan
Art Unit	2855
Attorney Docket No.	1787-10100

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	\$
1053 50	2052 25	Surcharge - late provisional filing fee or cover sheet	\$
1053 130	2053 65	Non-English specification	\$
1812 2,520	2812 2,520	For filing a request for <i>ex parte</i> reexamination	\$
18042 920*	2804 920*	Requesting publication of SIR prior to Examiner action	\$
1805 1,840*	2805 1,840*	Requesting publication of SIR after Examiner action	\$
1251 110	2251 55	Extension for reply within first month	\$
1252 420	2252 210	Extension for reply within second month	\$
1253 950	2253 475	Extension for reply within third month	\$950.00
1254 1,480	2254 740	Extension for reply within fourth month	\$
1255 2,010	2255 1,005	Extension for reply within fifth month	\$
1401 330	2401 165	Notice of Appeal	\$
1402 330	2402 165	Filing a brief in support of an appeal	\$
1403 280	2403 140	Request for oral hearing	\$
1451 1,510	2452 1,510	Petition to institute a public use proceeding	\$
1452 110	2452 55	Petition to revive - unavoidable	\$
1453 1,330	2453 665	Petition to revive - unintentional	\$
1501 1,330	2501 665	Utility issue fee (or reissue)	\$
1502 480	2502 240	Design issue fee	\$
1503 640	2503 320	Plant issue fee	\$
1460 130	2460 130	Petitions to the Commissioner	\$
1807 50	2806 50	Processing fee under 37 CFR 1.17(g)	\$
123 50	223 50	Petitions related to provisional applications	\$
1806 180	2806 180	Submission of Information Disclosure Stmt	\$
8021 40	28021 40	Recording each patent assignment per property (times number of properties)	\$
1809 770	2809 385	Filing a submission after final rejection (37 CFR § 1.129(a))	\$
1810 770	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))	\$
1801 770	2801 385	Request for Continued Examination (RCE)	\$
1802 900	2802 900	Request for expedited examination of a design application	\$

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) \$950.00**

Complete (if applicable)

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111191.01/1787 10100